

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P31837-P0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/JP 03/12065	International filing date (day/month/year) 22/09/2003	(Earliest) Priority Date (day/month/year) 20/09/2002
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/12065

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N7/24 H04N7/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 02 080547 A (KONINKL PHILIPS ELECTRONICS NV) 10 October 2002 (2002-10-10)	1,15-17
P,Y	page 4, line 15 -page 6, line 17	13,14, 18-23
P,A	page 7, line 26 -page 9, line 18 figures 2,3,5,6	2-12
P,A	WO 02 085032 A (KONINKL PHILIPS ELECTRONICS NV) 24 October 2002 (2002-10-24) abstract page 4, line 30 -page 8, line 17 figures 1-3	1-23
	--- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

2 February 2004

Date of mailing of the international search report

09/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Hampson, F

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/12065

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01 45416 A (SCHWIERTZ JACEK ; ZOMBETZKI JENS (DE); ROHDE & SCHWARZ FTK GMBH (DE) 21 June 2001 (2001-06-21)	13,14, 18-23
A	abstract page 1, line 7 -page 1, line 14 page 2, line 23 -page 3, line 20	1-12, 15-17
A	US 5 966 120 A (SHEN PAUL ET AL) 12 October 1999 (1999-10-12) abstract column 6, line 37 -column 6, line 51 figure 2	1,13-23
A	WO 01 76242 A (INTELLOCITY USA INC) 11 October 2001 (2001-10-11) abstract page 5, line 10 -page 5, line 27 page 8, line 1 -page 8, line 5 page 8, line 20 -page 11, line 16 figures 2,4	1,13-23
A	EP 0 926 894 A (CANAL PLUS SA) 30 June 1999 (1999-06-30) paragraph '0016! - paragraph '0019! figure 2	1,13-23
A	EP 0 923 253 A (SONY CORP) 16 June 1999 (1999-06-16) abstract paragraph '0018! paragraph '0061! - paragraph '0075! figure 2	1,13-23
A	LADEBUSCH U: "Introduction to data broadcasting over the DVB system" FERNSEH UND KINOTECHNIK, VDE VERLAG GMBH. BERLIN, DE, vol. 52, no. 6, June 1998 (1998-06), pages 323-324,326-330, XP002108594 ISSN: 0015-0142	
A	LADEBUSCH U: "EINFUEHRUNG IN DEN DVB-DATENRUNDfunk" FERNSEH UND KINOTECHNIK, VDE VERLAG GMBH. BERLIN, DE, vol. 52, no. 7, July 1998 (1998-07), pages 425-432, XP000870644 ISSN: 0015-0142	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 03/12065

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02080547	A	10-10-2002	US 2002144260 A1 CN 1460377 T EP 1374592 A2 WO 02080547 A2	03-10-2002 03-12-2003 02-01-2004 10-10-2002
WO 02085032	A	24-10-2002	US 2002147990 A1 EP 1380171 A2 WO 02085032 A2	10-10-2002 14-01-2004 24-10-2002
WO 0145416	A	21-06-2001	DE 19960295 A1 AT 253281 T DE 50004282 D1 WO 0145416 A1 EP 1247402 A1	21-06-2001 15-11-2003 04-12-2003 21-06-2001 09-10-2002
US 5966120	A	12-10-1999	AU 7724996 A CA 2237766 A1 EP 0862836 A1 JP 2000500632 T WO 9719560 A1	11-06-1997 29-05-1997 09-09-1998 18-01-2000 29-05-1997
WO 0176242	A	11-10-2001	AU 8930101 A CA 2403662 A1 EP 1266522 A2 WO 0176242 A2 US 2001037500 A1	15-10-2001 11-10-2001 18-12-2002 11-10-2001 01-11-2001
EP 0926894	A	30-06-1999	EP 0926894 A1 AU 1777099 A BR 9813618 A CA 2311488 A1 CN 1285114 T EP 1040663 A1 HR 20000331 A1 HU 0101152 A2 WO 9933271 A1 ID 24906 A JP 2001527350 T NO 20003247 A PL 341389 A1 RU 2212770 C2 TR 200001921 T2 ZA 9811812 A	30-06-1999 12-07-1999 17-10-2000 01-07-1999 21-02-2001 04-10-2000 31-12-2000 30-07-2001 01-07-1999 31-08-2000 25-12-2001 23-08-2000 09-04-2001 20-09-2003 21-12-2000 17-08-1999
EP 0923253	A	16-06-1999	JP 11177520 A CN 1236265 A EP 0923253 A2 US 6504855 B1	02-07-1999 24-11-1999 16-06-1999 07-01-2003